



# Director's Report

January 24, 2007

The Satellite Industry Association (SIA) Director's Report is a weekly executive capsule covering current satellite industry news and events. See the bottom of page for additional information.

## Recent News

**Lockheed Martin** received a \$36.5 million contract from **Inmarsat** to develop technology that will enable Inmarsat to expand its market reach into the commercial handheld mobile satellite service market. Under the two-year contract, Lockheed Martin will deliver and install three Network Control Center/Gateways that provide connectivity to public terrestrial networks. Inmarsat's global network to be implemented in 2008 will operate via satellite. The network will rely on the existing Inmarsat I-4 Satellites and dual-mode Global System for Mobile Communications/Satellite handheld terminals. [Link to Additional Information](#)

Gulfstream Aerospace has announced plans to install **Iridium** satellite communication systems as standard equipment on the new G150™ executive high-speed business jets. International Communications Group (ICG), an Iridium value-added reseller (VAR), is supplying the Iridium satcom installations. The new Gulfstream aircraft will be fitted with ICG's ICS-200 dual-channel Iridium satellite phone systems, which will provide two-way air-to-ground voice, fax and data connections anywhere in the world. [Link to Additional Information](#)

**Space Systems/Loral** (SS/L) announced that Intelsat Corporation has awarded SS/L a contract to manufacture Intelsat 14, a new, high-power C- and Ku-band fixed satellite service (FSS) satellite. [Link to Additional Information](#)

**Mobile Satellite Ventures** (MSV) announced that it has been awarded U.S. Patent No. 7,155,340 (the '340 Patent) by the United States Patent and Trademark Office. The '340 patent is the seventeenth patent relating to Ancillary Terrestrial Component (ATC) technology issued to MSV in recent years, and is assigned to MSV's intellectual property holding company, ATC Technologies. The '340 Patent is entitled "Network-Assisted Global Positioning Systems, Methods and Terminals Including Doppler Shift and Code Phase Measurements," and addresses the use of GPS positioning data in hybrid satellite-terrestrial networks. [Link to Additional Information](#)

**Integral Systems, Inc.** announced that it was awarded a contract modification for the GOES (Geostationary Operational Environmental Satellites) N-P Program to upgrade a number of ground command and control subsystems. Integral Systems is a subcontractor to BSSI (Boeing Satellite Systems International, Inc.) of El Segundo, CA, prime contractor to NASA's (National Aeronautics and Space Administration's) Goddard Space Flight Center in Greenbelt, MD, for the development and manufacture of the GOES satellites. [Link to Additional Information](#)

**Eutelsat Communications** announced results of its two-year survey of satellite and cable homes. Set up in 1994, the survey measures trends in satellite and cable reception in countries in Europe, North Africa and the Middle East. Commissioned from leading research institutes including GfK, TNS Sofres and Ipsos, the new data produced in 42 countries\* revealed that

satellite and cable homes in Europe, North Africa and the Middle East have expanded twice as fast over the last 24 months as the growth of television homes. Satellite and cable penetration increased by 13 per cent to 170 million homes from 150 million, while television homes expanded by six per cent to 333 million homes from 314 million. Satellite and cable reception has consequently passed the tipping point of 50 per cent of television homes. The survey also confirmed the growth of Eutelsat's HOT BIRD™ neighbourhood whose audience end 2006 had progressed from 111 million to 121 million homes, of which 40 per cent (47.5 million) are equipped for Direct-to-Home (DTH) satellite reception. This growth took place in parallel to a steady increase in channels broadcast which grew by 273 channels over the same period to over 1050 at end. [Link to Additional Information](#)

**SES NEW SKIES** and **Sea Launch** are initiating the final preparations for the launch of the NSS-8 communications satellite. Liftoff of the sixth satellite in the SES NEW SKIES fleet is planned at the opening of a 37-minute launch window beginning at 3:22 pm Pacific Standard Time (23:22 GMT) on January 25<sup>th</sup>, 2007. [Link to Additional Information](#)

**WorldSpace Italia** has entered into an agreement with Telecom Italia to design and deploy a terrestrial repeater network in Italy. Under the terms of the deal, Telecom Italia will utilize its telecommunications infrastructure to create the network throughout the country on behalf of WorldSpace. *Story courtesy of SkyREPORT.*

The International Bureau at the **Federal Communications Commission** granted a request from Ottawa-based **Telesat Canada** that would place the C-and Ku-Band payloads of its Anik F3 satellite on the agency's permitted space station list, subject to conditions. Anik F3 is operating at the 118.7-degree orbital location, next door to the 119-degree location that serves as one of EchoStar's primary orbital locations. In December 2005, the FCC bureau granted EchoStar blanket authorization for 1 million U.S.-licensed dishes that would receive programming from ANIK F3 in the Ku-Band. *Story courtesy of SkyREPORT.* [Link to FCC Order.](#)  
[Link to Additional Information](#)

China successfully used a missile to obliterate an orbiting satellite, U.S. government officials told CNN Thursday. The test could undermine relations with the West and pose a threat to satellites important to the U.S. military. According to a spokesman for the National Security Council, the ground-based, medium-range ballistic missile knocked an aged weather satellite from its orbit roughly 537 miles above Earth. *Story courtesy of SkyREPORT*

A large majority of leased satellite capacity revenues in the European markets is being generated by video - and the region's high-def channels continue to show steady growth. That's the news coming from a new study that suggests the carriage of TV channels and video feeds creates upwards of 80 percent of all revenues throughout the region. According to recent research conducted by international satellite and wireless technology market research firm NSR, 72 percent of leased C- and Ku-band commercial capacity revenues - fully 80 percent when considering non-commercial uses - were generated in Europe via DTH, free-to-air, TV bouquets, TV distribution, occasional use and SNG services. The firm also said that nothing has highlighted the importance of video in Europe during the past two years more than the boom in high-def channels. *Story courtesy of SkyREPORT*

Mary Ann Elliott , CEO and Chairman of **Arrowhead Global Solutions, Inc.** has been named to the Society of Satellite Professionals International (SSPI) Hall of Fame. She is only the second female to be honored among this elite group of individuals. [Link to Additional Information](#)

**TerreStar Networks Inc.** and TerreStar Global Ltd., majority-owned subsidiaries of Motient Corporation (MNCP), announced that Jared (Jerry) Abbruzzese has stepped down effective January 22, 2007. Abbruzzese served as Chairman of the Board of TerreStar Networks Inc. and Chairman of the Company of TerreStar Global Ltd. Mr. Abbruzzese will serve on a Board of Advisors that is being established for TerreStar Global.

<http://www.terrestar.com/news/press.html>

Satellite and wireless research firm NSR appointed YANNICK LAFUE to the position of analyst, satellite communications and Dr. JOHN STEVENSON to the position of Senior Advisor. *Story courtesy of SkyREPORT*

## **Upcoming Meetings and Events**

**7 February 2007** – National Space Club Luncheon featuring NASA Administrator Michael Griffin, Hyatt Washington on Capitol Hill <http://www.spaceclub.org/>

**19-22 February 2007** – Satellite 2007, Washington Convention Center, Washington DC  
[www.satellite2007.com](http://www.satellite2007.com)

**10-13 April 2007** - 25th AIAA International Communications Satellite Systems Conference, "Evolution Toward a Ubiquitous Network Society" COEX, Seoul, Korea [www.icssc2007.com](http://www.icssc2007.com)

**5-7 June 2007** – ISCE 2007, San Diego, California [www.isce.com](http://www.isce.com)

**18-20 September 2007** - APSCC 2007 Satellite Conference and Exhibition, Bangkok, Thailand

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